LG
Life's Good

QUICK REFERENCE GUIDE

LED TV

* LG LED TV applies LCD screen with LED backlights.

Please read this manual carefully before operating your set and retain it for future reference.

26LT670H	26LT673H	32LT770H	32LT777H
32LT670H		37LT770H	37LT777H
37LT670H		42LT770H	42LT777H
42LT670H		47LT770H	47LT777H

P/NO : MFL67415404 (1304-REV06)

www.lgsolutions.com

IMPORTANT SAFETY INSTRUCTIONS

Always comply with the following precautions to avoid dangerous situations and ensure peak performance of your product.

WARNING/CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING/CAUTION

- TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

WARNING

If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death.

CAUTION

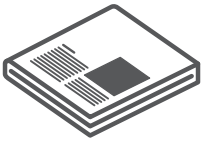
If you ignore the caution message, you may be slightly injured or the product may be damaged.

NOTE

The note helps you understand and use the product safely. Please read the note carefully before using the product.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

Read these instructions.
Keep these instructions.
Heed all warnings.
Follow all instructions.



- Do not use this apparatus near water.

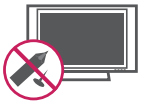
- Clean only with a dry cloth.

- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet (Can differ by country).

- Do not press strongly upon the panel with a hand or a sharp object such as a nail, pencil or pen, or make a scratch on it.



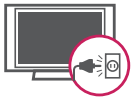
ENGLISH

- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

- Only use attachments/accessories specified by the manufacturer.

- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

- Unplug this apparatus during lightning storms or when unused for long periods of time.



- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Do not stick metal objects or any other conductive material into the power cord. Do not touch the end of the power cord while it is plugged in.
- Keep the packing anti-moisture material or vinyl packing out of the reach of children. Anti-moisture material is harmful if swallowed. If swallowed by mistake, force the patient to vomit and visit the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.

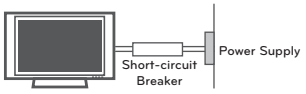
- CAUTION concerning the Power Cord (Can differ by country):
  It is recommended that appliances be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain. Do not connect too many appliances to the same AC power outlet as this could result in fire or electric shock. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized service. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance. Do not move the TV with the power cord plugged in. Do not use a damaged or loose power cord. Be sure do grasp the plug when unplugging the power cord. Do not pull on the power cord to unplug the TV.

- **Warning** - To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids. Do not touch the TV with wet hands. Do not install this product near flammable objects such as gasoline or candles, or expose the TV to direct air conditioning.

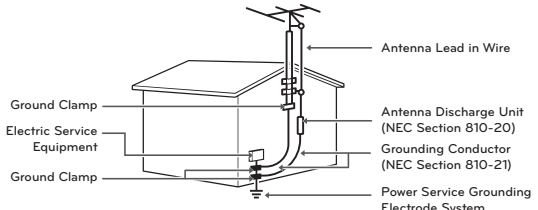
- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).

ENGLISH

- **Grounding**
  (Except for devices which are not grounded.) Ensure that you connect the earth ground wire to prevent possible electric shock (i.e. a TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet). If grounding methods are not possible, have a qualified electrician install a separate circuit breaker. Do not try to ground the unit by connecting it to telephone wires, lightening rods, or gas pipes.



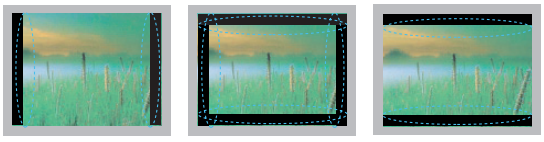
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.
- Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user's authority to operate this product.
- **Outdoor Antenna Grounding** (Can differ by country):
  If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits as death or serious injury can occur. Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code (NEC) in the U.S.A. provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements for the grounding electrode.
  Antenna grounding according to the National Electrical Code, ANSI/NFPA 70


Antenna Lead in Wire
Ground Clamp
Electric Service Equipment
Ground Clamp
Antenna Discharge Unit (NEC Section 810-20)
Grounding Conductor (NEC Section 810-21)
Power Service Grounding Electrode System (NEC Art 250, Part H)
NEC: National Electrical Code

- **Cleaning**
  When cleaning, unplug the power cord and wipe gently with a soft cloth to prevent scratching. Do not spray water or other liquids directly on the TV as electric shock may occur. Do not clean with chemicals such as alcohol, thinners or benzine.
- **Moving**
  Make sure the product is turned off, unplugged and all cables have been removed. It may take 2 or more people to carry larger TVs. Do not press or put stress on the front panel of the TV.
- **Ventilation**
  Install your TV where there is proper ventilation. Do not install in a confined space such as a bookcase. Do not cover the product with cloth or other materials while plugged. Do not install in excessively dusty places.
- If you smell smoke or other odors coming from the TV, unplug the power cord and contact an authorized service center.
- Keep the product away from direct sunlight.
- Never touch this apparatus or antenna during a thunder or lightning storm.
- When mounting a TV on the wall, make sure not to install the TV by hanging the power and signal cables on the back of the TV.
- Do not allow an impact shock or any objects to fall into the product, and do not drop anything onto the screen.
- **Disconnecting the Main Power**
  The power outlet used with this device must remain easily accessible.
- Store the accessories (battery, etc.) in a safe location out of the reach of children.
- This apparatus use batteries. In your community there might be regulations that require you to dispose of these batteries properly due to environmental considerations. Please contact your local authorities for disposal or recycling information.
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble or allow the batteries to overheat.
- **Dot Defect**
  The Plasma or LCD panel is a high technology product with resolution of two million to six million pixels. In a very few cases, you could see fine dots on the screen while you're viewing the TV. Those dots are deactivated pixels and do not affect the performance and reliability of the TV.

- **Generated Sound**
  "Cracking" noise: A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal deformation is required.
  Electrical circuit humming/panel buzzing: A low level noise is generated from a high-speed switching circuit, which supplies a large amount of current to operate a product. It varies depending on the product.
  This generated sound does not affect the performance and reliability of the product.
- Take care not to touch the ventilation openings. When watching the TV for a long period, the ventilation openings may become hot. This does not affect the performance of the product or cause defects in the product.
- If the TV feels cold to the touch, there may be a small "flicker" when it is turned on. This is normal, there is nothing wrong with TV. Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the TV's performance. Avoid touching the LCD screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.

Preventing "Image burn" or "Burn-in" on your TV screen



- If a fixed image displays on the TV screen for a long period of time, it will be imprinted and become a permanent disfigurement on the screen. This is "image burn" or "burn-in" and not covered by the warranty.
- If the aspect ratio of the TV is set to 4:3 for a long period of time, image burn may occur on the letterboxed area of the screen.
- Avoid displaying a fixed image on the TV screen for a long period of time (2 or more hours for LCD, 1 or more hours for the Plasma TV) to prevent image burn.

For USA and Canada

FCC NOTICE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.
Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE TO CABLE/TV INSTALLER

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

LICENSES

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(For LT670H, LT673H series)

Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.
(For LT770H, LT777H series)

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7,295,673; 7,460,668; 7,515,710; 7,519,274”

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OPEN SOURCE SOFTWARE NOTICE

To obtain the source code under GPL, LGPL, MPL and other open source licenses, that is contained in this product, please visit 'http://opensource.lge.com'.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

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NOTE

- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this TV in the future.

INSTALLATION PROCEDURE

1 Open the package and make sure all the accessories are included.

2 Attach the stand to the TV set.

3 Connect an external device to the TV set.

ASSEMBLING AND PREPARING

Unpacking

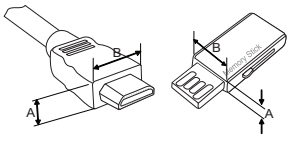
Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your product. The illustrations in this manual may differ from the actual product and item.

CAUTION

- Do not use any unapproved items to ensure the safety and product life span.
- Any damages or injuries by using unapproved items are not covered by the warranty.
- Some models appear to have a thin film on the screen. It is actually part of the screen, do not remove it.

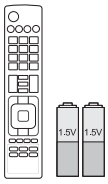
NOTE

- The items supplied with your product may vary depending on the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm (0.39 inches) thick and 18 mm (0.7 inches) width.
- Use an extension cable that supports USB 2.0 if the USB cable or USB memory stick does not fit into your TV's USB port.

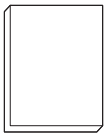


*A≦ 10 mm (0.39 inches)
*B≦ 18 mm (0.7 inches)

(For LT670H, LT673H, LT777H series)



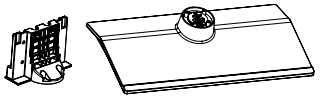
Remote Control, Batteries (AAA)
(See p.28)



Quick Reference Guide

Power Cord

(For 32/37/42LT670H)



Stand Body, Stand Base
(See p.17)

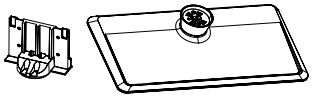
(For 32/37/42LT670H)

Stand Screws
8 EA, M4 x 14
(See p.17)

(For 32/37/42LT670H, 32/37/42/47LT777H)

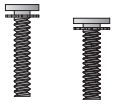
Desk-Mount Screw
(See p.21)

(For 32/37/42/47LT777H)



Stand Body, Stand Base
(See p.18)

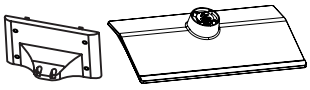
(For 32/37/42/47LT777H)



Stand Screws
4 EA, M4 x 20
4 EA, M4 x 14
(See p.18)

Torx Plus Star-Head Screw
2 EA
(See p.17, p.18, p.19)

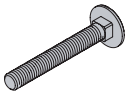
(For 26LT670H, 26LT673H)



Stand Body, Stand Base
(See p.19)

(For 26LT670H, 26LT673H)

Stand Screws
8 EA, M4 x 12
(See p.19)



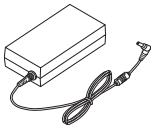
Screws for Stand Fixing
2 EA
(See p.22, 23)

Washers for Stand Fixing
2 EA
(See p.22, 23)

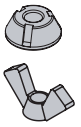
(For 32/37/42LT670H, 32/37/42/47LT777H)

Power Cord Holder
(See p.25)

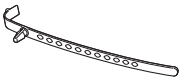
(For 26LT670H, 26LT673H)



AC/DC Adapter

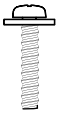


Nuts for Stand Fixing
2 EA
(See p.22, 23)

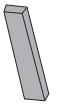


Cable Holder
(See p.25)

(For 47LT777H)



Wall Mount Screw
4EA, M6 x L51

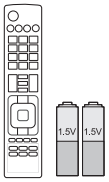


Rubbers for Stand Fixing
4 EA
(See p.22, 23)

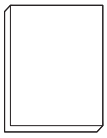
(For 32/37/42LT670H, 32/37/42/47LT777H)

Protection Cover

(For LT770H series)

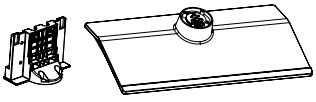


Remote Control, Batteries (AAA)
(See p.28)

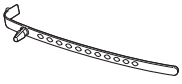


Quick Reference Guide

Power Cord



Stand Body, Stand Base
(See p.17)



Cable Holder
(See p.25)

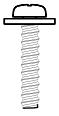
Power Cord Holder
(See p.25)

Stand Screws
8 EA, M4 x 14
(See p.17)

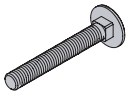
Torx Plus Star-Head Screw
2 EA
(See p.17)

Desk-Mount Screw
(See p.21)

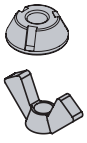
(For 47LT770H)



Wall Mount Screw
4EA, M6 x L51

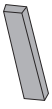


Screws for Stand Fixing
2 EA
(See p.22)



Nuts for Stand Fixing
2 EA
(See p.22)

Washers for Stand Fixing
2 EA
(See p.22)



Rubbers for Stand Fixing
4 EA
(See p.22)

Protection Cover

Optional Extras

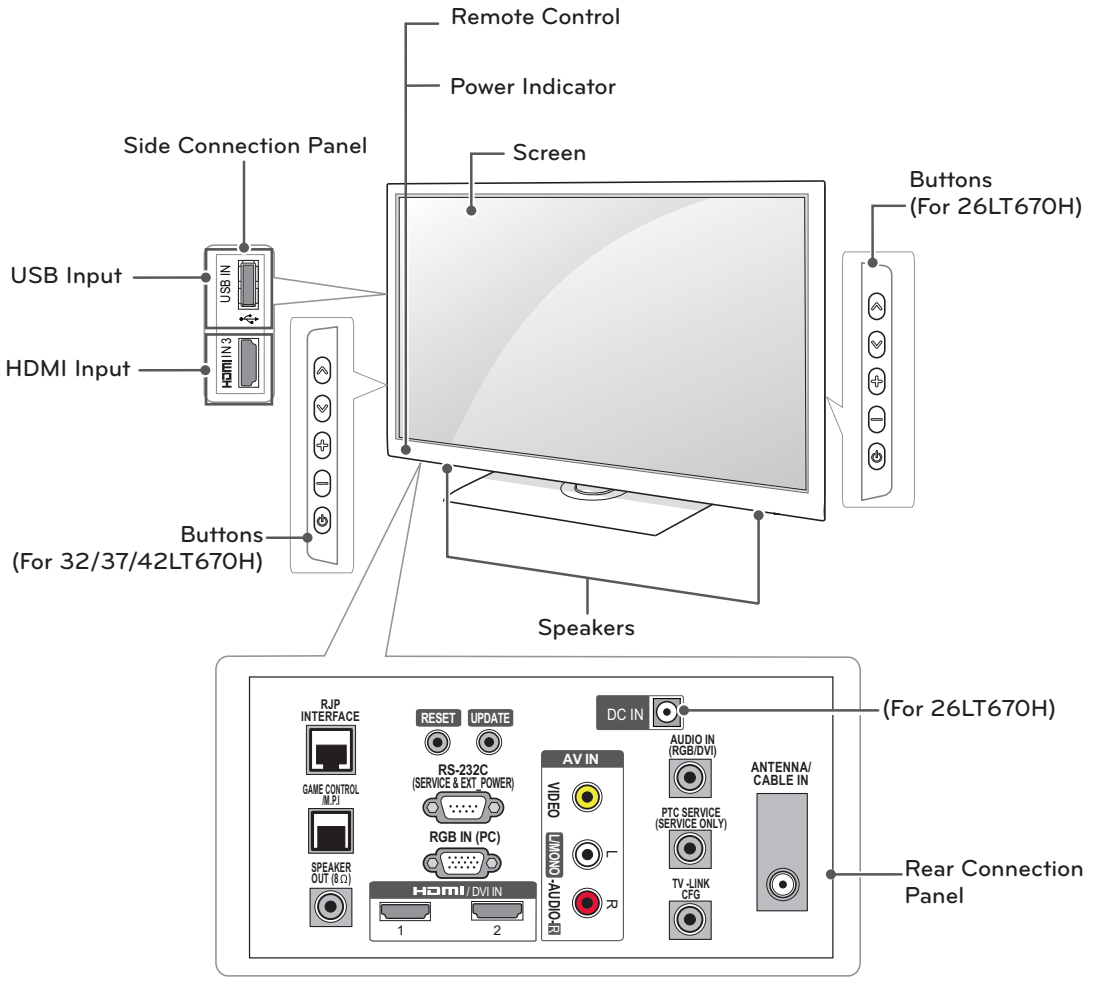
(For LT777H series)

Optional extras can be changed or modified for quality improvement without any notification.
Contact your dealer to buy these items.
These devices only work with certain models.
The model name or design may be changed manufacturer's circumstances or policies.

AN-MR300
Magic Remote

Parts and buttons

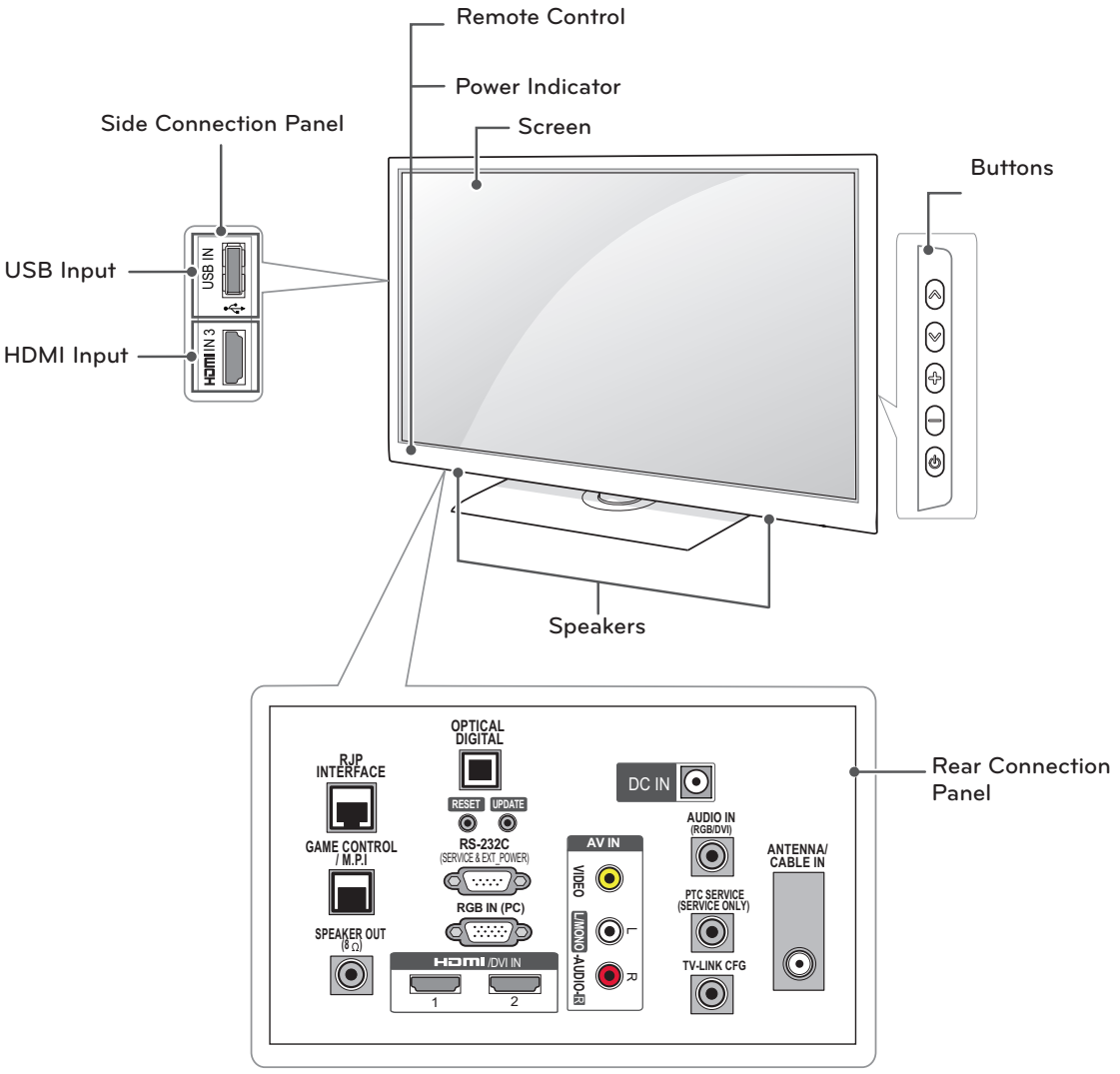
(For LT670H series)



Button	Description
v ^	Scrolls through the saved channels.
- +	Adjusts the volume level.
⏻	Turns the power on or off.

ENGLISH

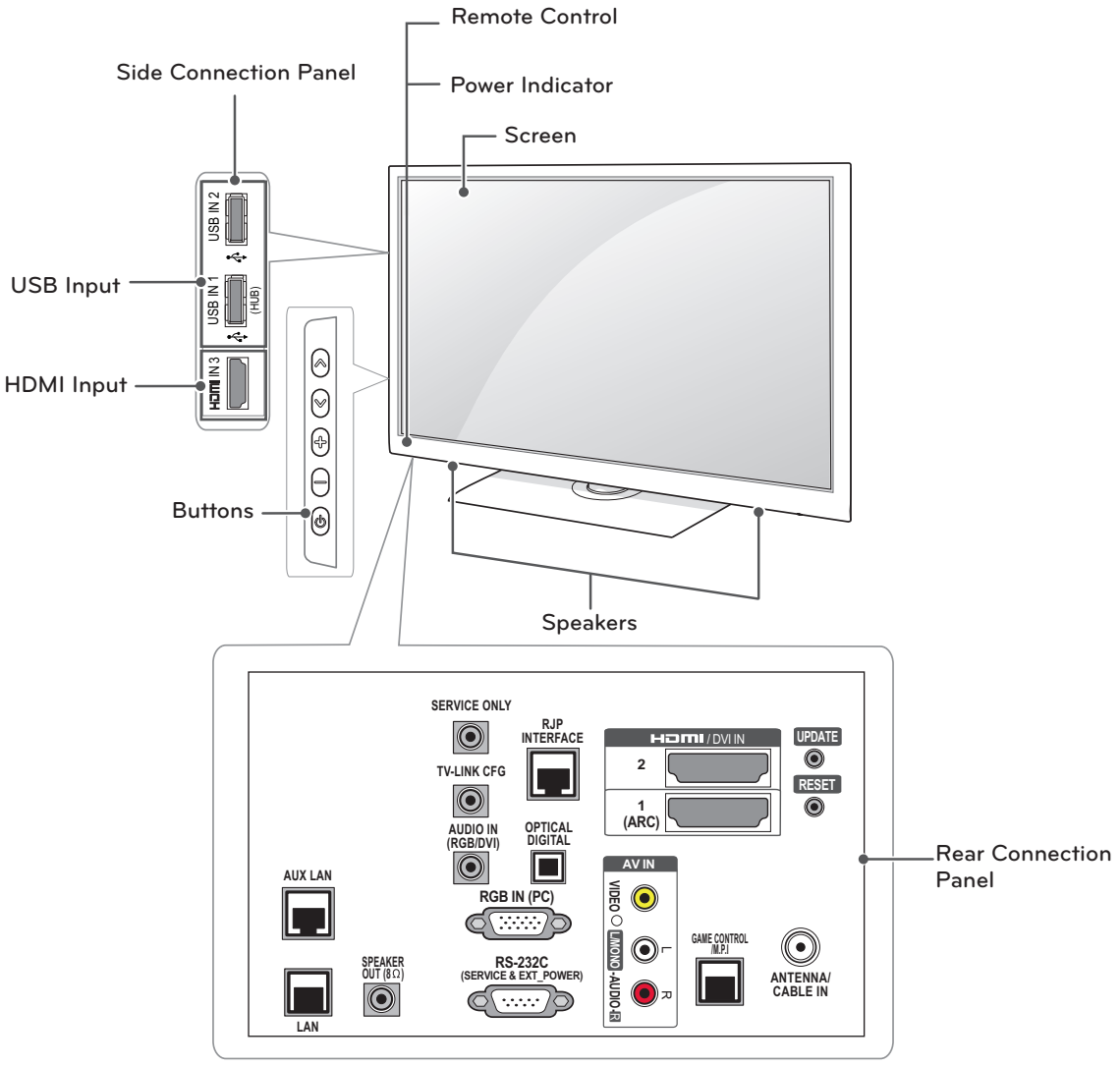
(For LT673H series)



Button	Description
v ^	Scrolls through the saved channels.
- +	Adjusts the volume level.
⏻	Turns the power on or off.

ENGLISH

(For LT770H, LT777H series)



Button	Description
v ^	Scrolls through the saved channels.
- +	Adjusts the volume level.
⏻	Turns the power on or off.

NOTE

- To use a USB Hub device, make sure that it is connected to the USB IN 1 USB port.
- Some USB Hubs may not work. If a USB device connected using a USB Hub is not detected, connect it to the USB port on the TV directly.

ENGLISH

PORT	Description
RJP INTERFACE	Connect to remote jack pack control output port.
GAME CONTROL/ M. P. I.	Input port for third party game Controllers./ Allows VOD/PPV devices or set-top boxes to control the TV.
SPEAKER OUT (8Ω)	For use with external speakers.
UPDATE	Software downloads and debug mode enable/ dis-able.
RESET	Hardware reset to PTC microcontroller.
RS232C (SERVICE & EXT_POWER)	Used by third party devices. This port is used for service or Hotel mode.
RGB IN (PC)	Analog PC Connection. Uses a D-sub 15-pin cable (VGA cable).
HDMI/DVI IN	Digital Connection. Supports HD video and Digital audio. Accepts DVI video using an adapter or HDMI to DVI cable (not included).
AV (Audio/Video) IN	Analog composite connection. Supports standard definition video only (480i). Used for PC/DTV audio input jack
AUDIO IN (RGB/DVI)	1/8" headphone jack for analog PC audio input.
PTC SERVICE (SERVICE ONLY)	Used for PTC software updates.
TV - LINK CFG	Computer input for programming Free To Guest services.
DC IN	Connect the supplied adapter.
ANTENNA/CABLE IN	Connect over-the air signals to this jack.
AUX LAN	Network connection.
LAN	Network connection. Also used for video, photo and music files on a local network.
OPTICAL DIGITAL	Connect digital audio to various types of equipment. Connect to a Digital Audio Component. Use an Optical audio cable.

ENGLISH

NOTE

(For LT770H, LT777H series)

ARC (Audio Return Channel)

- When connected with a high-speed HDMI cable, digital audio can be sent to a compactible device without an additional optical audio cable.
- ARC is only supported on the HDMI input 1 (ARC) port. An external audio device that supports ARC should be connected to HDMI 1 if you wish to use ARC.

Setting up the TV

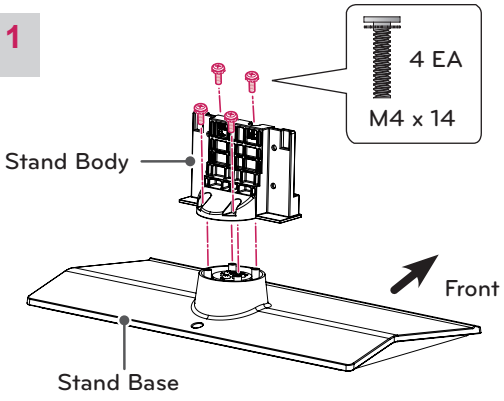
You can mount your TV to a wall or attach the stand if you wish to place the TV on an entertainment center or other furniture.

Attaching the stand

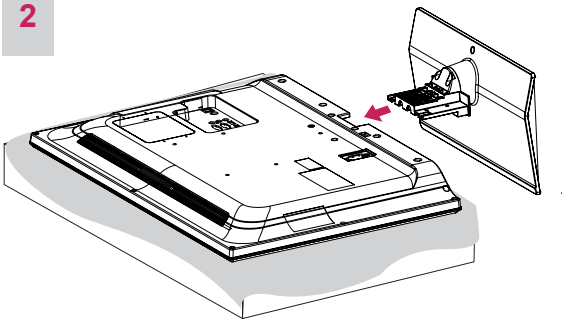
If you are not mounting the TV to a wall, use the following instructions to attach the stand.

(For 32/37/42LT670H, 32/37/42/47LT770H)

1



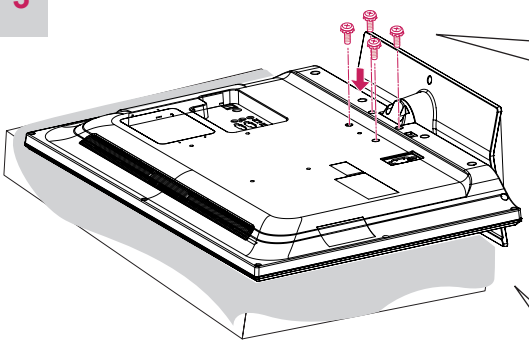
2

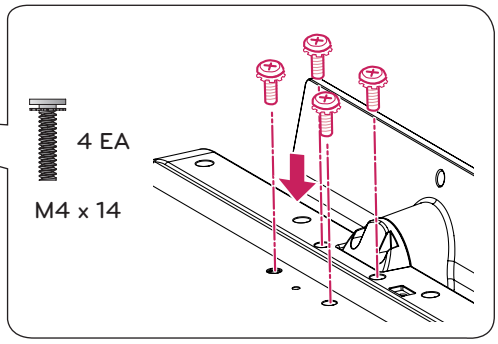


CAUTION

- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

3





or

Tighten the two of these four screws and the two Torx plus star head screws (provided as parts of the TV) to secure the TV. Tighten the two Torx plus star head screws with a star head driver bit (not provided as parts of the TV).

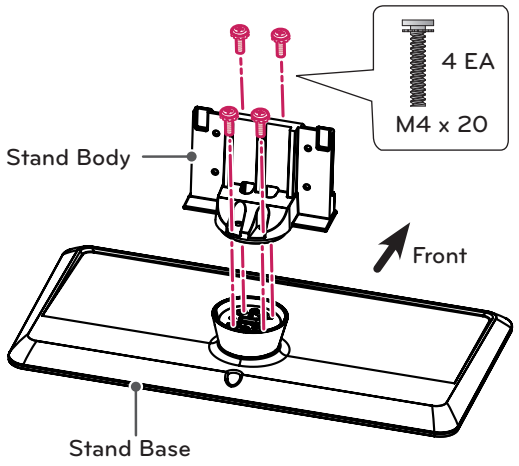
CAUTION

- Make sure that the screws are fastened completely. (If they are not fastened securely enough, the TV may tilt forward after being installed.)
- Do not fasten the screws with too much force; otherwise they may be worn out and get loosened.

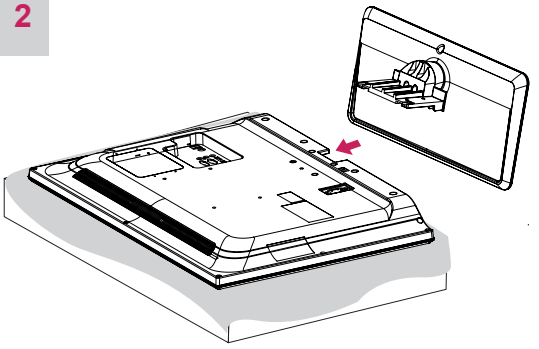
ENGLISH

(For 32/37/42/47LT777H)

1



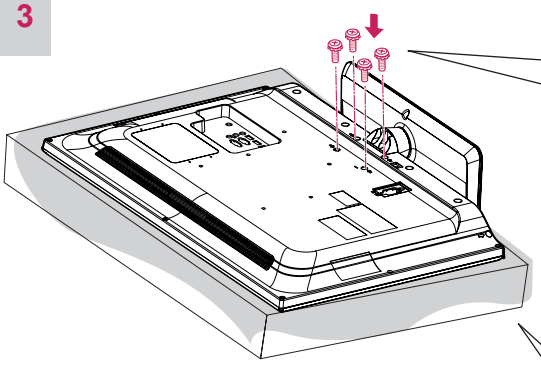
2

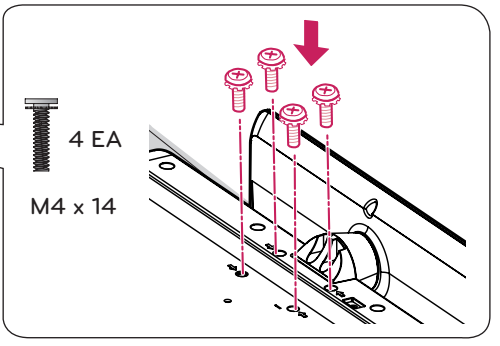


CAUTION

- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

3





or

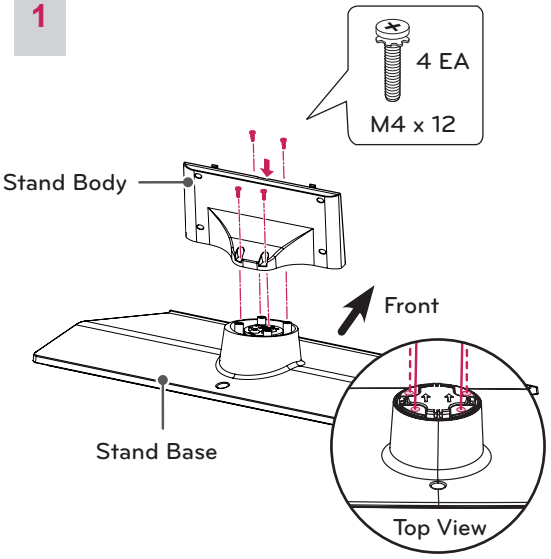
Tighten the two of these four screws and the two Torx plus star head screws (provided as parts of the TV) to secure the TV. Tighten the two Torx plus star head screws with a star head driver bit (not provided as parts of the TV).

CAUTION

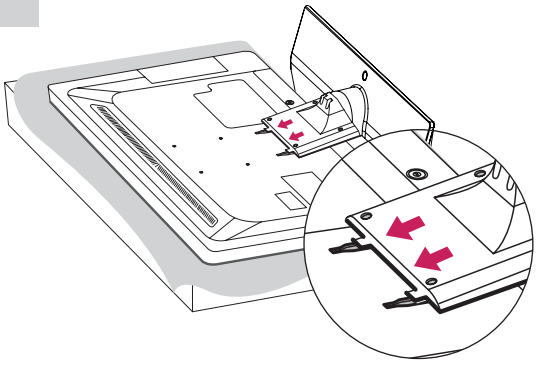
- Make sure that the screws are fastened completely. (If they are not fastened securely enough, the TV may tilt forward after being installed.)
- Do not fasten the screws with too much force; otherwise they may be worn out and get loosened.

(For 26LT670H, 26LT673H)

1



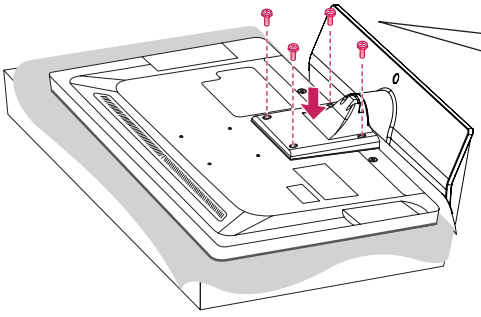
2

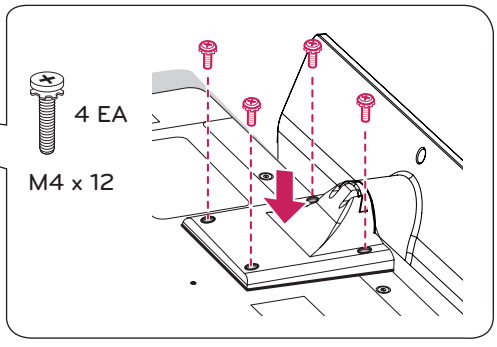


CAUTION

- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

3





or

Tighten the two of these four screws and the two Torx plus star head screws (provided as parts of the TV) to secure the TV. Tighten the two Torx plus star head screws with a star head driver bit (not provided as parts of the TV).

CAUTION

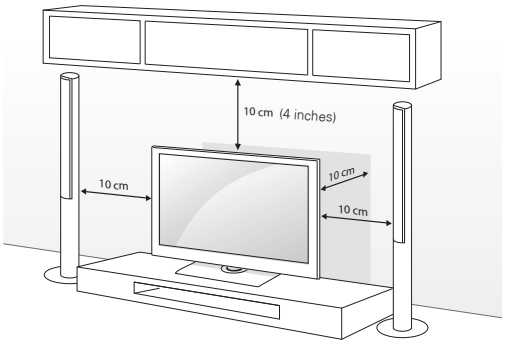
- Make sure that the screws are fastened completely. (If they are not fastened securely enough, the TV may tilt forward after being installed.)
- Do not fasten the screws with too much force; otherwise they may be worn out and get loosened.

ENGLISH

Mounting on a table

1 Lift and tilt the TV into its upright position on a table.

- Leave a 10 cm (4 inches) (minimum) space from the wall for proper ventilation.



2 Connect the power cord to a wall outlet.

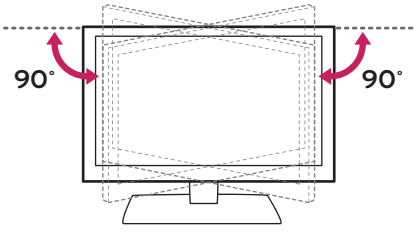
CAUTION

- Do not place the TV near or on sources of heat, as this may result in fire or other damage.

Adjusting the angle of the TV to suit view

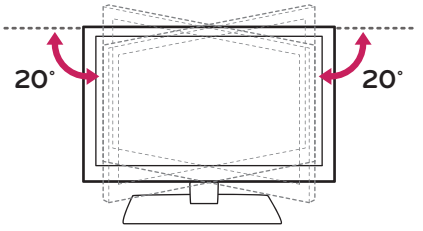
(For 26/32/37/42LT670H, 32/37/42/47LT770H, 26LT673H)

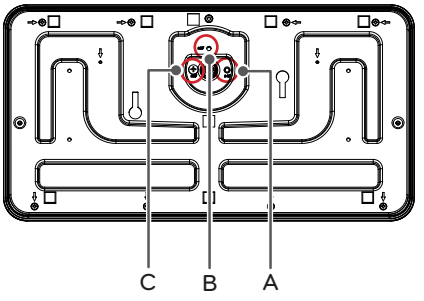
Swivel 90 degrees to the left or right and adjust the angle of the TV to suit your view.



(For 32/37/42/47LT777H)

The swivel angle is adjustable. The default swivel angle is 20°. Attaching a screw to the **A** position on the bottom of the stand will allow a swivel angle range of 45°. Attaching a screw to the **B** position will allow a swivel angle range of 90°.





NOTE

- Only one swivel screw is included and attached to position C.

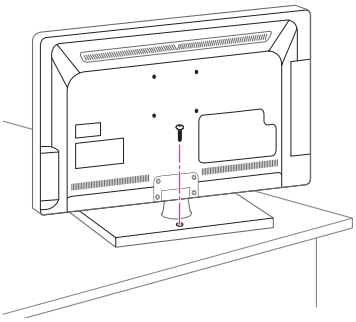
CAUTION

- When adjusting the angle of the TV, watch out for your fingers.
  - Personal injury may occur if hands or fingers are pinched. If the product is tilted too much, it may fall, causing damage or injury.
- Removing the swivel fixing screw will allow the set to rotate 360°.

Securing the TV to a table

(For 32/37/42LT670H, 32/37/42/47LT770H, 32/37/42/47LT777H)

Fix the TV to a table to prevent from tilting forward, damage, and potential injury.
To secure the TV to a table, insert and tighten the supplied screw on the rear of the stand.



WARNING

- To prevent TV from falling over, the TV should be securely attached to the floor/wall per installation instructions. Tipping, shaking, or rocking the TV may cause injury.

CAUTION

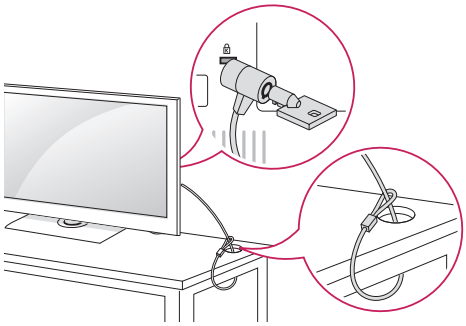
- Make sure that children do not climb on or hang on the TV.

Using the Kensington security system (optional)

(Depending on model)

The Kensington security system connector is located at the rear of the TV. For more information of installation and using, refer to the manual provided with the Kensington security system or visit http://www.kensington.com.

Connect the Kensington security system cable between the TV and a table.



NOTE

- The Kensington security system is optional. You can obtain additional accessories from your local dealer.

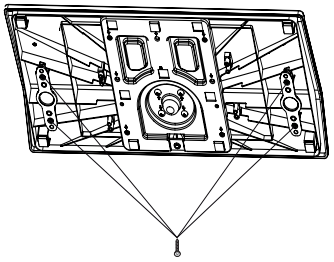
ENGLISH

Attaching the TV to a desk

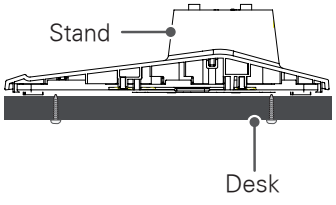
The TV should be attached to a desk so it cannot be pulled in a forward/backward direction, potentially causing injury or damaging the product.

(For 32/37/42LT670H, 32/37/42/47LT770H)

TYPE 1



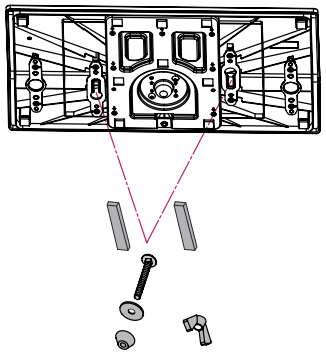
4-Screws
(Not provided as parts of the product)



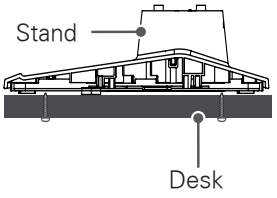
NOTE

- Screw: M5 x L (*L: Table depth + 8~10 mm)
  ex) Table depth: 15mm, Screw: M5 x 25

TYPE 2

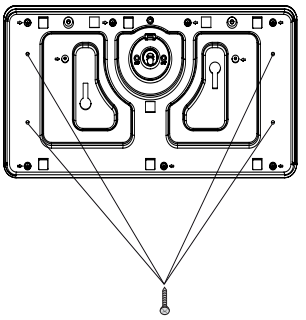


2-Screws, 2-Washers, 2-Nuts, 4-Rubbers
(provided as parts of the product)

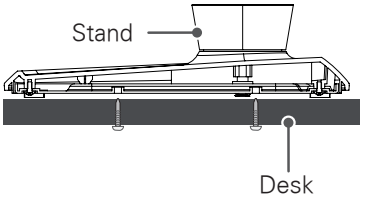


(For 32/37/42/47LT777H)

TYPE 1



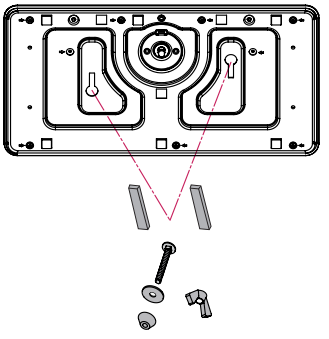
4-Screws
(Not provided as parts of the product)



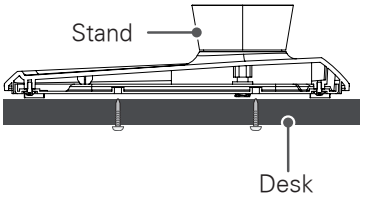
NOTE

- Screw: M5 x L (*L: Table depth + 8~10 mm)
  ex) Table depth: 15mm, Screw: M5 x 25

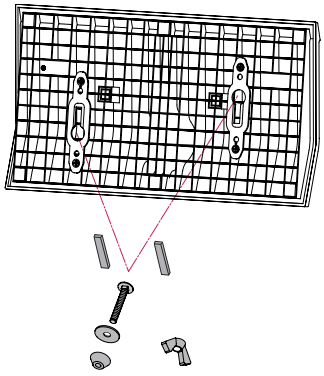
TYPE 2



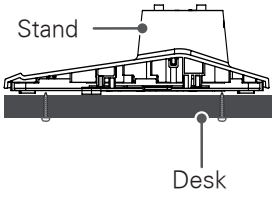
2-Screws, 2-Washers, 2-Nuts, 4-Rubbers
(provided as parts of the product)



(For 26LT670H, 26LT673H)

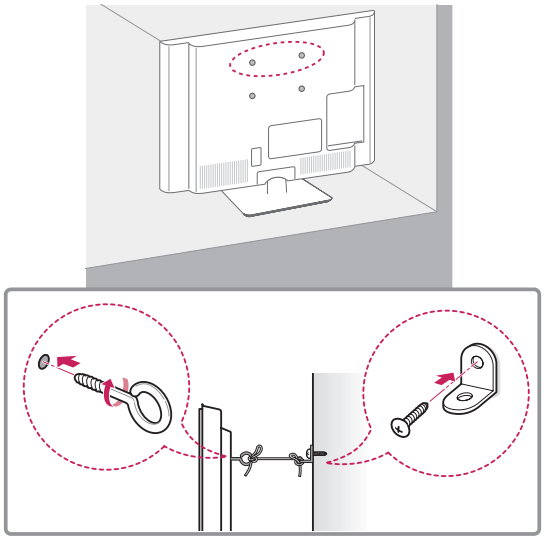


2-Screws, 2-Washers, 2-Nuts, 4-Rubbers
(provided as parts of the product)



Securing the TV to a wall (optional)

(Depending on model)



1 Insert and tighten the eye-bolts, or TV brackets and bolts on the back of the TV.

- If there are bolts inserted at the eye-bolts position, remove the bolts first.

2 Mount the wall brackets with the bolts to the wall.

Match the location of the wall bracket and the eye-bolts on the rear of the TV.

3 Connect the eye-bolts and wall brackets tightly with a sturdy rope.

Make sure to keep the rope horizontal with the flat surface.

CAUTION

- Make sure that children do not climb on or hang on the TV.

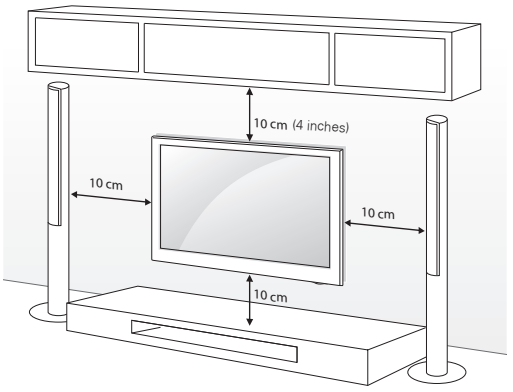
NOTE

- Use a platform or cabinet that is strong and large enough to support the TV securely.
- Brackets, bolts and ropes are optional. You can obtain additional accessories from your local dealer.

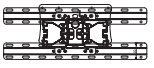
ENGLISH

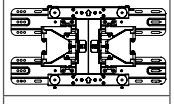
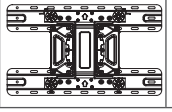
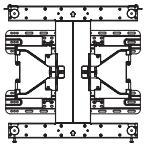
Mounting on a wall

An optional wall mount can be used with your LG TV. Consult with your local dealer for a wall mount that supports the VESA standard used by your TV model (listed below).
LG recommends that wall mounting be performed by a qualified professional installer.



Make sure to use screws and wall mount bracket that meet the VESA standard. Standard dimensions for the wall mount kits are described in the following table.

Model	26LT670H 26LT673H	32LT670H 32LT770H 32LT777H
VESA	100 x 100	200 x 100
Standard screw	M4	M6
Number of screws	4	4
Wall mount bracket (optional)	LSW100B(G)	LSW100B(G) 

Model	37/42LT670H 37/42LT770H 37/42LT777H	47LT770H 47LT777H
VESA	200 x 200	400 x 400
Standard screw	M6	M6
Number of screws	4	4
Wall mount bracket (optional)	LSW200B(G)  LSW220BX 	LSW420BX 

CAUTION

- Disconnect the power first, and then move or install the TV. Otherwise electric shock may occur.
- If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury. Use an authorized LG wall mount and contact the local dealer or qualified personnel.
- Do not over tighten the screws as this may cause damage to the TV and void your warranty.
- Use the screws and wall mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.
- Do not insert screws to four holes for assembling the stand when installing the TV to the wall.
- On the 47LT770H and 47LT777H models, use M6 x L51 screws.

NOTE

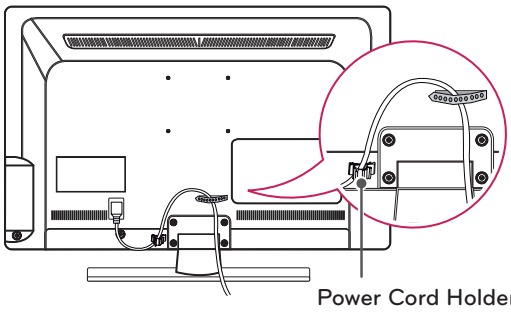
- A wall mount bracket is optional. You can obtain additional accessories from your local dealer.
- Use only screws that are listed on the VESA standard screw specifications.
- The wall mount kit includes an installation manual and necessary parts.
- The length of screws may differ depending on the wall mount. Make sure to use the proper length.
- For more information, refer to the manual supplied with the wall mount.

ENGLISH

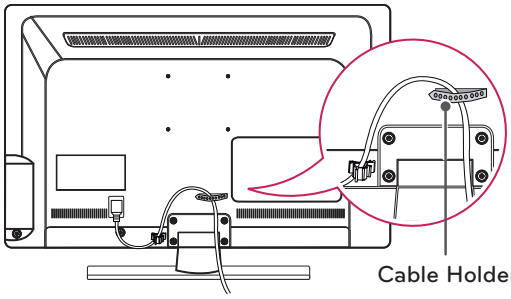
Tidying cables

For 32/37/42LT670H, 32/37/42/47LT770H, 32/37/47/47LT777H

1 Install the power cord holder and power cord. It will help prevent the power cable from being removed by accident.

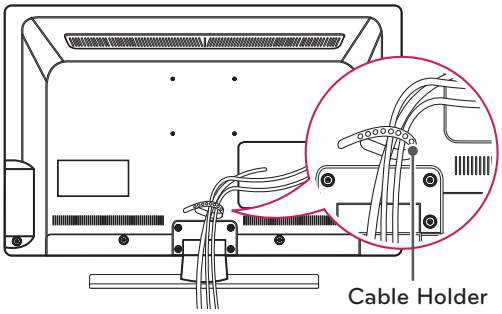


2 Gather and bind the cables with the cable holder.



For 26LT670H, 26LT673H

1 Gather and bind the cables with the cable holder.



CAUTION

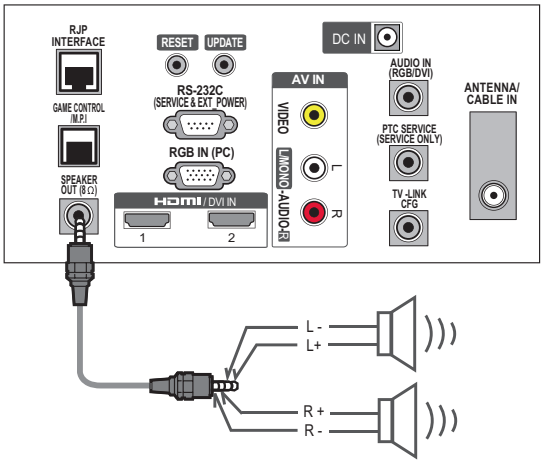
- Do not move the TV by holding the cable holder, as the cable holders may break, and injuries and damage to the TV may occur.

ENGLISH

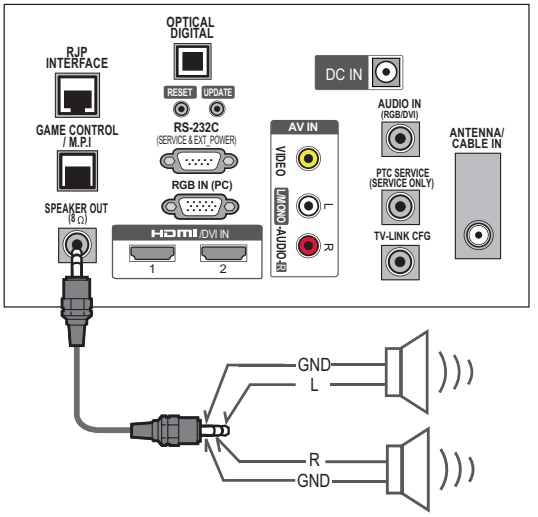
External speaker out

Connect the external speaker.

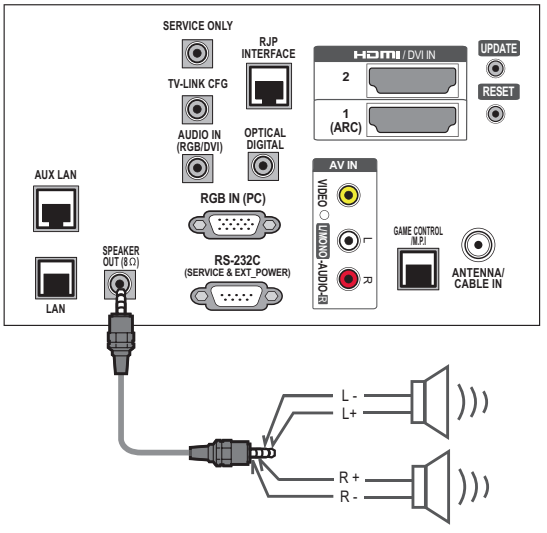
(For 26/32/37/42LT670H)



(For 26LT673H)



(For 32/37/42/47LT770H, 32/37/42/47LT777H)



NOTE

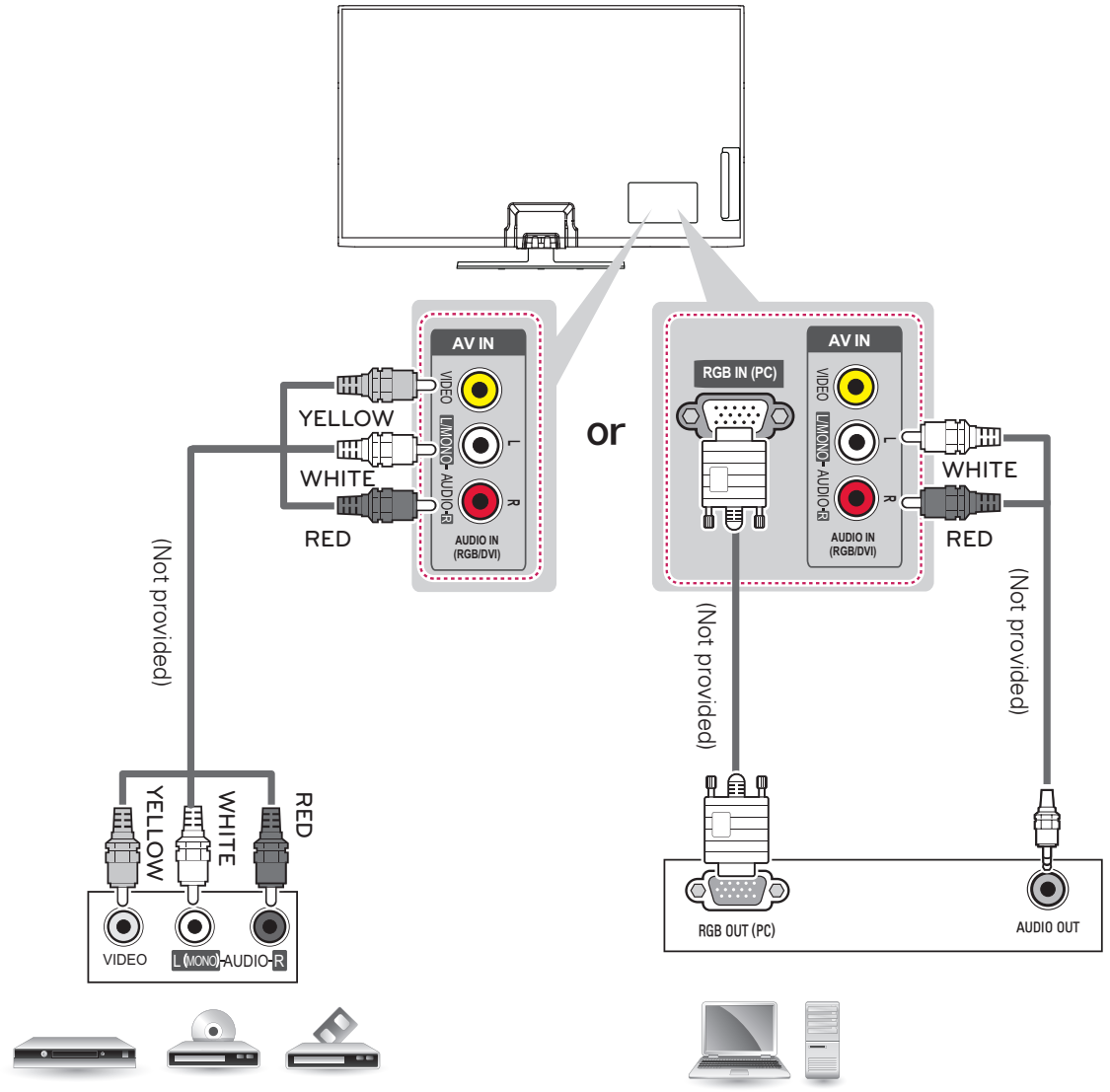
- Make sure that the external speaker should be connected with TV under power-off state.
- Use external speaker with BTL type (4 pin) for LT670H, LT770H and LT777H series.
- Use external speaker with SE type (3 pin) for LT673H series.

ENGLISH

Making Connections

- Image shown may differ from your TV.

Connect the external devices.

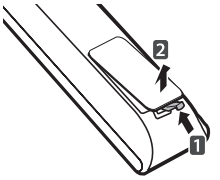


DVD / Blu-Ray / HD Cable Box / VCR

PC

REMOTE CONTROL

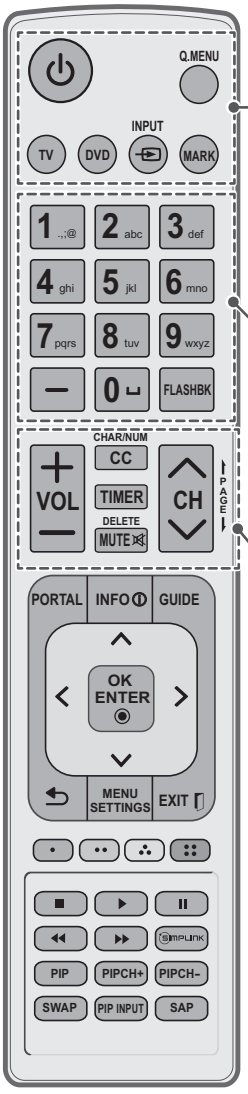
Below is a description of the remote control. Your remote control may look slightly different.
To install batteries, open the battery cover, insert batteries (1.5 V AAA) matching the ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse.



CAUTION

- Do not mix old and new batteries, as this may damage the remote control.

This remote uses infrared light. When in use, it should be pointed in the direction of the TV's remote sensor.



⏻ (POWER)
Turns the TV on or off.

Q. MENU
Not functional

TV
Selects the remote's operating mode: TV.

DVD
Selects the remote's operating mode: DVD.

INPUT
Rotates through inputs.

MARK
Not functional

Number button
Enters channel numbers or other numbers required.
Also supports characters.

— (DASH)
Selects a program number for multiple program channels such as 2-1, 2-2, etc.

FLASHBK
Tunes to the last channel or input viewed.

+ VOL −
Adjusts the volume level.

CHAR/NUM
Switches between Letter and Number input modes.

CC
Selects a closed caption.

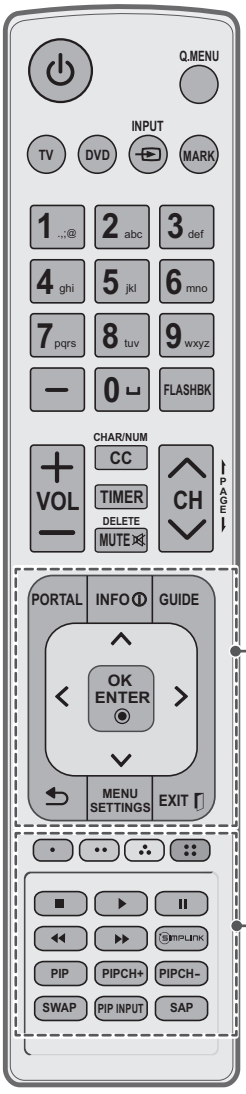
TIMER
Turns the TV off in a set amount of time.

DELETE
Deletes letters and numbers.:

MUTE
Mutes all sounds.

∧ CH ∨
Scrolls through the saved channels.

❙ PAGE ❙
Moves to the previous or next screen.



PORTAL
Displays and removes the interactive menu.

INFO
Shows information on the current program.

GUIDE
Displays and removes the electronic program guide.

Navigation buttons (up/down/left/right)
Scrolls through menus or options.

OK/ENTER
Selects menus or options and confirms your input.

(BACK)
Returns to the previous level.

MENU/SETTINGS
Accesses the main menu.

EXIT
Clears all on-screen displays and returns to TV viewing.

Color buttons (: Red, : Green, : Yellow, : Blue)
These access special functions in some menus.

VCR/DVD/USB control buttons (■, ▶, ❚❚, ◀◀, ▶▶)
Controls video cassette recorders or DVD players or USB.

SIMPLINK
Accesses the AV devices connected to the TV;
Opens the SIMPLINK menu.

PIP
Not functional (For LT670H, LT673H series)
Enters the split screen mode. (Some input sources may not be displayed.)
(For LT770H, LT777H series)

PIP CH +/-
Not functional (For LT670H, LT673H series)
Channel up or down the sub window. (For LT770H, LT777H series)

SWAP
Not functional (For LT670H, LT673H series)
Changes the main window and the sub window.
(For LT770H, LT777H series)

PIP INPUT
Not functional (For LT670H, LT673H series)
Rotates through input of the sub window. (For LT770H, LT777H series)

SAP
Analog mode: Selects MTS sound (Mono, Stereo or SAP)
DTV mode: Changes the audio language.

SPECIFICATIONS

Product specifications may be changed without prior notice due to upgrade of product functions.

Television System		NTSC-M, ATSC, 64 & 256 QAM
Program Coverage		VHF 2-13, UHF 14-69, CATV 1-135, DTV 2-69, CADTV 1-135
Maximum number of storable programs		700
External Antenna Impedance		75 Ω
Environment condition	Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)
	Operating Humidity	Less than 80%
	Storage Temperature	-20 °C ~ 60 °C (-4 °F ~ 140 °F)
	Storage Humidity	Less than 85%

MODELS		26LT670H (26LT670H-UA)	26LT673H (26LT673H-UA)
Dimensions (W x H x D)	With stand	625.9 x 453.5 x 192 (mm)	
		24.6 x 17.9 x 7.6 (inch)	
	Without stand	625.9 x 393.2 x 46.6 (mm)	
		24.6 x 15.5 x 1.8 (inch)	
Weight	With stand	4.7 kg (10.4 lbs)	
	Without stand	4.1 kg (9.0 lbs)	
Current Value / Power Consumption		24 V⎓, 1.8 A	
Adapter (DC Power)		In: AC 100 - 240 V ~ 50/60 Hz	
		Out: DC 24 V, 2.5 A	

MODELS		32LT670H (32LT670H-UA)	32LT770H (32LT770H-UA)
Dimensions (W x H x D)	With stand	765.6 x 535.6 x 231.9 (mm)	
		30.1 x 21.1 x 9.1 (inch)	
	Without stand	765.6 x 475.8 x 68.5 (mm)	
		30.1 x 18.7 x 2.7 (inch)	
Weight	With stand	9.2 kg (20.3 lbs)	
	Without stand	8.0 kg (17.6 lbs)	
Current Value / Power Consumption		0.6 A / 60 W	
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		32LT777H (32LT777H-UA)
Dimensions (W x H x D)	With stand	765.6 x 535.8 x 225 (mm)
		30.1 x 21.1 x 8.9 (inch)
	Without stand	765.6 x 475.8 x 68.5 (mm)
		30.1 x 18.7 x 2.7 (inch)
Weight	With stand	10.2 kg (22.5 lbs)
	Without stand	8.0 kg (17.6 lbs)
Current Value / Power Consumption		0.6 A / 60 W
Power requirement		AC100 - 240 V ~ 50/60 Hz

MODELS		37LT670H (37LT670H-UA)	37LT770H (37LT770H-UA)
Dimensions (W x H x D)	With stand	867.3 x 592.8 x 231.9 (mm)	
		34.1 x 23.3 x 9.1 (inch)	
	Without stand	867.3 x 532.8 x 68.6 (mm)	
		34.1 x 21.0 x 2.7 (inch)	
Weight	With stand	11.2 kg (24.7 lbs)	
	Without stand	10.0 kg (22.0 lbs)	
Current Value / Power Consumption		0.9 A / 90 W	
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		37LT777H (37LT777H-UA)
Dimensions (W x H x D)	With stand	867.3 x 594 x 225 (mm)
		34.1 x 23.4 x 8.9 (inch)
	Without stand	867.3 x 532.8 x 68.6 (mm)
		34.1 x 21.0 x 2.7 (inch)
Weight	With stand	12.2 kg (26.9 lbs)
	Without stand	10.0 kg (22.0 lbs)
Current Value / Power Consumption		0.9 A / 90 W
Power requirement		AC100 - 240 V ~ 50/60 Hz

MODELS		42LT670H (42LT670H-UA)	42LT770H (42LT770H-UA)
Dimensions (W x H x D)	With stand	991.7 x 666.5 x 273.1 (mm)	
		39.0 x 26.2 x 10.8 (inch)	
	Without stand	991.7 x 604.0 x 55.0 (mm)	
		39.0 x 23.8 x 2.2 (inch)	
Weight	With stand	15.5 kg (34.2 lbs)	
	Without stand	13.5 kg (29.8 lbs)	
Current Value / Power Consumption		1.0 A / 100 W	
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		42LT777H (42LT777H-UA)
Dimensions (W x H x D)	With stand	991.7 x 664 x 282.35 (mm)
		39.0 x 26.1 x 11.1 (inch)
	Without stand	991.7 x 604.0 x 55.0 (mm)
		39.0 x 23.8 x 2.2 (inch)
Weight	With stand	16.9 kg (37.3 lbs)
	Without stand	13.5 kg (29.8 lbs)
Current Value / Power Consumption		1.0 A / 100 W
Power requirement		AC100 - 240 V ~ 50/60 Hz

MODELS		47LT770H (47LT770H-UA)
Dimensions (W x H x D)	With stand	1,101 x 728.5 x 273.1 (mm)
		43.3 x 28.7 x 10.8 (inch)
	Without stand	1,101 x 665.4 x 54.5 (mm)
		43.3 x 26.2 x 2.1 (inch)
Weight	With stand	17.3 kg (38.1 lbs)
	Without stand	15.3 kg (33.7 lbs)
Current Value / Power Consumption		1.2 A / 120 W
Power requirement		AC100 - 240 V ~ 50/60 Hz

MODELS		47LT777H (47LT777H-UA)
Dimensions (W x H x D)	With stand	1,101 x 726 x 282.35 (mm)
		43.3 x 28.6 x 11.1 (inch)
	Without stand	1,101 x 665.4 x 54.5 (mm)
		43.3 x 26.2 x 2.1 (inch)
Weight	With stand	18.7 kg (41.2 lbs)
	Without stand	15.3 kg (33.7 lbs)
Current Value / Power Consumption		1.2 A / 120 W
Power requirement		AC100 - 240 V ~ 50/60 Hz

(For LT670H, LT673H series)

RGB(PC), HDMI (PC) supported mode

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
640 x 350	31.46	70.09
720 x 400	31.46	70.08
640 x 480	31.46	59.94
800 x 600	37.87	60.31
1024 x 768	48.36	60.00
1280 x 768	47.77	59.87
1360 x 768	47.71	60.01
1280 x 1024	63.98	60.02
1600 x 1200	75.00	60.00
1920 x 1080 RGB-PC	66.58	59.93
1920 x 1080 HDMI-PC	67.50	60.00

Except 26/32LT670H, 26LT673H

(For LT770H, LT777H series)

RGB(PC), HDMI (PC) supported mode

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
640 x 350	31.46	70.09
720 x 400	31.46	70.08
640 x 480	31.46	59.94
800 x 600	37.87	60.31
1024 x 768	48.36	60.00
1152 x 864 RGB-PC	54.34	60.05
1360 x 768	47.71	60.01
1280 x 1024 HDMI-PC	63.98	60.02
1920 x 1080 RGB-PC	67.50	60.00
1920 x 1080 HDMI-PC	67.50	60.00

Except 32LT770H, 32LT777H

HDMI (DTV) supported mode

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
720 x 480p	31.47 31.50	59.94 60.00
1280 x 720p	44.96 45.00	59.94 60.00
1920 x 1080i	33.72 33.75	59.94 60.00
1920 x 1080p	26.97 27.00 33.71 33.75 67.43 67.50	23.97 24.00 29.97 30.00 59.94 60.00

(For LT770H, LT777H series)

Wireless LAN module (TWFM-B003D) specification

Standard	IEEE802.11a/b/g/n
Frequency Range	2400 to 2483.5 MHz 5150 to 5250 MHz 5725 to 5850 MHz
Modulation	CCK / OFDM / MIMO
Output Power (Typical)	802.11a: 15 dBm 802.11b: 14 dBm 802.11g: 17 dBm 802.11n - 2.4GHz: 17 dBm 802.11n - 5GHz: 15 dBm
Data rate	802.11a/g: 54 Mbps 802.11b: 11 Mbps 802.11n: 300 Mbps
Antenna Gain (Typical)	2400 to 2483.5 MHz: -2.5 dBi 5150 to 5250 MHz: -2.2 dBi 5725 to 5850 MHz: -2.9 dBi
Occupied bandwidth	802.11a/b/g: HT20 802.11n: HT20/40

Because band channel used by the country could be different, the user can not change or adjust the operating frequency and this product is set for the regional frequency table.

- FCC ID of Wi-Fi module inside TV
  FCC ID: BEJTWFM-B003D

GENERAL TROUBLESHOOTING

Installation

Symptom	Possible Cause(s)	Possible Solution(s)
Cannot direct enter channel number.	• (TV in Pass-through Mode) Installer Menu item 028 CH. OVERIDE is set to 0, i.e., disabled (recommended setting).	• If the channel lineup is locked, only channels that are active in the TV's channel lineup can be selected. Set Installer Menu item 028 CH. OVERIDE to 1 to allow access for direct keypad entry to all channels.
	• (TV in FTG Mode) The channel entered is not part of the FTG Channel Map.	• Channel access is restricted to channels included in the FTG Channel Map. If necessary, make changes to the FTG Channel Map using the FTG File Manager or the FTG Configuration Application, as appropriate.
No channels present after setup.	• Auto Tuning (Channel Search) not run.	• Refer to Express Script or Custom Master TV Setup procedure, as appropriate. Auto Tuning must be run in order for the channel lineup to be populated. Note for Express Script: You must select "Execute Auto Search" in the Auto Search screen to run the search. To re-activate the Express Script, set Installer Menu item 117 FACT DEFAULT to 001.

Picture Reception and Sound

Symptom	Possible Cause(s)	Possible Solution(s)
No picture.	• TV is turned OFF.	• Turn TV ON. • Power failure?
	• Antenna/cable not connected.	• Connect antenna/cable signal to TV.
	• Connections incorrect.	• Check connections on TV.
	• MPI not connected	• If applicable, connect MPI cable to MPI device.
	• Encrypted program.	• Try another channel.
	• Wrong tuning band.	• Adjust Installer Menu settings.
Normal picture, poor or no sound.	• Broadcast problem.	• Try a different channel.
	• Audio muted	• Press MUTE or use Volume Up key to increase sound level.
	• Pillow/TV speaker not configured properly.	• Check that Installer Menu items 020 FEATURE LEVEL and 027 HOSPITAL MODE are set as required. Also, if applicable, select TV Speaker in the Audio Menu.

Erratic Operation

Symptom	Possible Cause(s)	Possible Solution(s)
Installer Menu setup.	• Wrong Installer Menu settings.	• Adjust Installer Menu settings as required.

Installer Remote

Symptom	Possible Cause(s)	Possible Solution(s)
Remote doesn't work.	• Remote not in TV Mode.	• Use MODE key to select "TV"; puts remote into TV Mode.
	• Not aimed at IR remote sensor.	• Point remote at TV's IR receiver on TV.
	• Remote too far from IR sensor.	• Move remote closer to TV's IR receiver or darken room.
	• MPI not connected.	• If applicable, connect MPI cable to MPI device.
	• IR path to TV's receiver obstructed.	• Remove obstructions.
	• Weak batteries.	• Replace batteries.
	• Wrong battery polarity.	• Check that "+" and "-" match in battery compartment.
	• Too much light in room.	• Dim room light.
	• Wrong Installer Remote.	• Requires compatible Installer Remote. Contact your LG dealer.
	• Bed Switch set to wrong bed.	• Set Bed Switch or update Installer Menu, as necessary.

CHILD SAFETY:

It Makes A Difference How and Where You Use Your Flat Panel Display

Congratulations on your purchase! As you enjoy your new product, please keep these safety tips in mind:

THE ISSUE

- The home theater entertainment experience is a growing trend and larger flat panel displays are popular purchases. However, flat panel displays are not always supported on the proper stands or installed according to the manufacturer's recommendations.
- Flat panel displays that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests or carts may fall over and cause injury.

THIS MANUFACURER CARES!

- The consumer electronics industry is committed to making home entertainment enjoyable and safe.

TUNE INTO SAFETY

- One size does NOT fit all. Follow the manufacturer's recommendations for the safe installation and use of your flat panel display.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't allow children to climb on or play with furniture and television sets.
- Don't allow place flat panel displays on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger than life" flat panel display. Care should be taken to place or install the display where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all cords and cables connected to the flat panel display so that they cannot be pulled or grabbed by curious children.

WALL MOUNTING: IF YOU DECIDE TO WALL MOUNT YOUR FLAT PANEL DISPLAY, ALWAYS:

- Use a mount that has been recommended by the display manufacturer and/or listed by an independent laboratory (such as UL, CSA, ETL).
- Follow all instructions supplied by the display and wall mount manufacturers.
- If you have any doubts about your ability to safely install your flat panel display, contact your retailer about professional installation.
- Make sure that the wall where you are mounting the display is appropriate. Some wall mounts are not designed to be mounted to walls with steel studs or old cinder block construction. If you are unsure, contact a professional installer.
- A minimum of two people are required for installation. Flat panel displays can be heavy

CEA
Consumer Electronics Association
www.CE.org/safety

The model and serial numbers of the TV are located on the back and/or one side of the TV. Record them below should you ever need service.

MODEL _____

SERIAL _____

LG Customer Information Center

For inquires or comments, visit www.lg.com or call:

1-888-865-3026 USA, Commercial User

1-888-542-2623 CANADA

Pro:Centric is a trademark of LG Electronics U.S.A., Inc. Pro:Idiom is a registered trademark of Zenith Electronics LLC. b-LAN is a trademark of LodgeNet Interactive Corporation. All other trademarks or registered trademarks are the property of their respective owners.

(For 32/37/42LT670H, 26LT673H, 32/37/42/47LT777H)

This product qualifies for ENERGY STAR in the "factory default (Home Use)" setting.

Changing the factory default settings or enabling other features may increase power consumption that could exceed the limits necessary to quality for ENERGY STAR.